Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1.   (Currently Amended) A communication control apparatus comprising:

a first port which connects to a first segment of a network;

a second port which connects to a second segment of the network;

a CIP header detecting unit ~~adapted~~ configured to detect whether or not an isochronous packet received by said first port includes a CIP (common isochronous packet) header conforming to IEC 61883 standard; and

a control unit ~~adapted~~ configured to determine whether or not to disable relaying the isochronous packet received by said first port to said second port,

wherein said control unit enables relaying the isochronous packet received by said first port to said second port, if said CIP header detecting unit detects that the isochronous packet received by said first port does not include the CIP header, and

wherein said control unit determines, using the CIP header included in the isochronous packet received by said first port, whether or not to disable relaying the isochronous packet received by said first port to said second port, if ~~it is detected by~~ said CIP header detecting unit detects that the isochronous packet received by said first port includes the CIP header.

Claim 2.   (Previously presented)   A communication control apparatus according to claim 1, wherein said control unit controls to provide another isochronous packet to said second port in lieu of the isochronous packet received by said first port, if relaying the isochronous packet received by said first port to said second port is disabled by said control unit.

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Claim 3.   (Previously Presented)   A communication control apparatus according to claim 2, wherein the other isochronous packet includes one of dummy data and null data.

Claims 4-9 (Cancelled).

Claim 10.   (Previously Presented)   A communication control apparatus according to claim 1, wherein said first and second ports conform to the IEEE 1394—1995 standard.

Claim 11.   (Currently Amended)   A method of controlling a communication control apparatus, the communication control apparatus ~~includes~~ including a first port which connects to a first segment of a network and a second port which connects to a second segment of the network, the method comprising the steps of:

detecting whether or not an isochronous packet received by the first port includes a CIP (common isochronous packet) header conforming to IEC 61883 standard; ~~and~~

enabling relaying the isochronous packet received by the first port to the second port, if the isochronous packet received by the first port does not include the CIP header; and

determining, using the CIP header included in the isochronous packet received by the first port, whether or not to disable relaying the isochronous packet received by the first port to the second port, if it is detected in ~~the~~ said detecting step that the isochronous packet received by the first port includes the CIP header.

Claim 12.   (Previously presented)   A method according to claim 11, further comprising the step of:

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if relaying the isochronous packet received by the first port to the second port is disabled, providing another isochronous packet to the second port in lieu of the isochronous packet received by the first port.

Claim 13.   (Previously Presented)   A method according to claim 12, wherein the other isochronous packet includes one of dummy data, and null data.

Claim 14.   (Cancelled)

Claim 15.   (Previously Presented)   A method according to claim 11, wherein the first and second ports conform to the IEEE 1394-1995 standard.

Claims 16-17 (Cancelled).